

Purchasing Re^s

PO No	Supplier	Line Item No	Rel Terms	Purchased Item	Description	For Project No	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
P0040081	MCM001-VU	1	1 2% 10 Net 30	9263K642	O-Ring receive ea			50	6/7/2018	50		S078377	Stock	6/6/2018	\$ 0.57 /Ea	0	\$28.70	McMaster-Carr Supply Co.,	
		2		188-FSCS-1032-5/8	Screw			300		300		S078378	Stock	6/6/2018	\$ 0.08 /Ea	0	\$22.83	McMaster-Carr Supply Co.,	
		3		MT-BRASS-C360-JRU/500	Brass C360 Round Bar 0.500""			6		6		S078379	Stock	6/6/2018	\$ 9.16 / ft	0	\$54.95	McMaster-Carr Supply Co.,	
		4		92198A111	Bolt receive ea			25		25		S078380	Stock	6/6/2018	\$ 0.21 / Ea	0	\$5.31	McMaster-Carr Supply Co.,	
		5		91525A120	washer D3456-1; AS PER DWG D3456 REV.A			300		300		S078381	Stock	6/6/2018	\$ 0.23 / pcs	0	\$69.60	McMaster-Carr Supply Co.,	
		6		6264K72	Half Link receive pcs			12		12		S078382	Stock	6/6/2018	\$ 7.80 / Ea	0	\$93.60	McMaster-Carr Supply Co.,	
Total:								693		693							\$274.99		

Plex 6/6/2018 9:05 AM dart.Tollis Andrew



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO040081

E-MAILED
JUN 01 2018

Supplier:	MCM001-VU McMaster-Carr Supply Co, P.O. Box 7690 Chicago, IL 60680-7690 USA Phone: 330 995 5500 Fax: 330 995 9600	PO No:	PO040081
		PO Date:	6/1/18
		Due Date:	6/5/18
		Purchase Order Revision:	
		Revision Date:	
		Ship-To Contact:	Lavoie, Chantal Phone: clavoie@dartaero.com
Ship To:	1270 Aberdeen Street Hawkesbury ON K6A 1K7 Canada Phone: 613-632-5200	Via:	Ground
		Pymt Terms:	2% 10 Net 30
		Freight Terms:	
		Special Comments:	

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	9263K642	10/pk	O-Ring receive ea	Firmed	6/5/18	50 Ea	50 Ea	0 Ea	\$0.574/Ea	\$28.70
2	188-FSCS-1032-5/8	92210A303	Screw 100/per pk	Firmed	6/5/18	300 Ea	300 Ea	0 Ea	\$0.0761/Ea	\$22.83
3	MT-BRASS-C360-R0.500	2572T38 6 FT	Brass C360 Round Bar 0.500"	Firmed	6/5/18	6 ft	6 ft	0 ft	\$9.158333/ft	\$54.95
4	92198A111	25/pk	Bolt receive ea	Firmed	6/5/18	25 Ea	25 Ea	0 Ea	\$0.2124/Ea	\$5.31
5	91525A120		washer D3456-1 : AS PER DWG D3456 REV.A	Firmed	6/5/18	300 pcs	300 pcs	0 pcs	\$0.232/pcs	\$69.60

Line Item Note WO 178426

6	6264K72		Half Link receive pcs	Firmed	6/5/18	12 Ea	12 Ea	0 Ea	\$7.80/Ea	\$93.60
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Line Item Note w/o 178523

Grand Total: \$274.99

Order Notes

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Order Notes

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 DOCUMENT SPECIAL REQUIREMENTS
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 6/1/18 1:39 PM *dart.lavoie.chantal*



McMASTER-CARR®

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO040081
Order Placed By
Chantal Lavoie

Page 1 of 1
06/01/2018

McMaster-Carr Number
4395090-02

Line	Product	Ordered	Shipped
1	9263K642 Chemical-Resistant Viton Fluoroelastomer O-Ring, 1.9 mm Wide, 7.8 mm ID, Packs of 10	5 Packs	5
2	92210A303 18-8 Stainless Steel Hex Drive Flat Head Screw, 10-32 Thread Size, 5/8" Long, Packs of 100	3 Packs	3
4	92198A111 18-8 Stainless Steel Hex Head Screw, 1/4"-28 Thread Size, 1-1/2" Long, Partially Threaded, Packs of 25	1 Pack	1
5	91525A120 316 Stainless Steel Washer, Oversized, 1/4" Screw Size, 0.281" ID, 1" OD, Packs of 25	12 Packs	12
6	6264K72 Adding-and-Connecting Link for ANSI Number 40-SS Single Strand Corrosion-Resistant Roller Chain	12 Each	12



McMASTER-CARR®

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Packing List

Purchase Order
PO040081

Order Placed By
Chantal Lavoie

McMaster-Carr Number
4395090-01

Page 1 of 1

06/01/2018

Line	Product	Ordered	Shipped
3	2572T38 Ultra-Machinable 360 Brass Rod with Certification, 1/2" Diameter, 6 Feet Long	1 Each	1

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-Brass C360-0.500
 DATE: JUN 07 2018

PO / BATCH NO.: 040081/5078379

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 6
 QUANTITY INSPECTED: 6
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.500
 THICKNESS RECEIVED: 0.500
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	<i>Astdn B16</i>
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	<i>POTTO40081 part# 2572738</i>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y <input type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>11</u>	SIGNED OFF BY: _____
DATE: <u>JUN 07 2018</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

1	2	3	4	5	6	7	8
REV.	REV.	REV.	REV.	REV.	REV.	REV.	REV.
A							
NEW ISSUE							

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL:

SPECIFICATION:

PART NUMBER:

C360 BRASS

ASTM B16

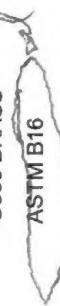
MT-BRASS-C360-R-[D.DDD]

WHERE D.DDD IS DIAMETER IN INCHES

MT-BRASS-C360-R-0.250

TOLERANCES PER MANUFACTURER SPECIFICATIONS

EXAMPLE:



MT-BRASS-C360-R-0.250

DART		AEROSPACE	
Hawthorne, Ontario, Canada			
TITLE: BRASS C360 ROUND BAR			
OWN NO.	MT-BRASS-C360-R	REV.	A
DESIGN BY:	VM 11/1/2017	FRACTION & 1/8	
DRAWN BY:	VM 11/1/2017	1. SURFACES = 1/8"	
CHECKED:	X	2. DIMENSIONS ARE IN INCHES	
INFO. APPN:	SAC 11/06/2017	3. INTERSECT OF MACHINED AND FOLDED	
APPROVED:	DP 11/10/2017	ASME Y14.5M-2009	
DATE:	VM 11/21/2017	4. DIMENSIONAL LIMITS APPLY	
SCALE:	N/T S	5. WEIGHT: N/A LBS	SHEET 1 OF 1
COPYRIGHT © 2017 DART AEROSPACE LTD			
THIS DOCUMENT IS PROPRIETARY AND CONFIDENTIAL. IT IS NOT TO BE COPIED OR DISCLOSED TO ANY OTHER PERSON OR ENTITY. IT IS THE PROPERTY OF DART AEROSPACE LTD.			

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CERTIFIED TEST REPORT

Trip No. 250855 Bill of Lading: 179002 Packing Slip: 2581800 Ship Date: 03/14/2018
 Customer No. Bill To
 COPPER & BRASS SALES
 IDPP THYSSENKRUPP MATERIALS NA INC.
 01293 PO BOX 5116
 SOUTHFIELD , MI 48086-5116
 Ship to
 COPPER & BRASS SALES IDPP
 5230 ASHLAND WAY
 FRANKLIN , WI 53132

02

IN-PROCESS OR FINISHED PRODUCT SAMPLES, AS INDICATED BELOW, HAVE BEEN ANALYZED AND TESTED AND FOUND TO CONFORM TO THE CHEMICAL REQUIREMENTS OF THE SPECIFICATION INDICATED WITH THE FOLLOWING RESULTS

Copper	Lead	Iron	TOE	Zinc
ASTM B16/B16M-10 (2015) 60.0-63.0%	2.5-3.0%	0.35%max	0.50%max	Balance

CHEMICAL ANALYSIS STATEMENT OF CONFORMITY

Chase Brass maintains chemical control according to the following statistical measures which are recalculated monthly:

Copper	Lead	Iron	TOE	Zinc
Cpk: 3.78	1.70			
Mean: 61.37%	2.67%	0.14%		
Max: 62.23%	2.90%	0.18%	0.17%	Balance
Min: 60.58%	2.50%			

Order Traceability No	Product	Specification No	Customer PO	Quantity	Item No Custom Item No.
222125.1.1	C36000 ALLOY T.R. QUALITY H02 HALF HARD		5400390438/0010	10087	0375RD12 CURD00231
222125.4.1	C36000 ALLOY T.R. QUALITY H02 HALF HARD		5400390438/0050	14960	0500RD12 CURD00895

Certified Mercury Free Material

ISO9001 Certified Quality System

Certificate Number: US006875-1 (Bureau Veritas Certification)

Material is Directive 2000/53/EC Compliant

Material is Directive 2002/95/EC (RoHS) Compliant

Material is Directive 2011/65/EU (RoHS2) Compliant

This test report meets the guidelines of EN 10204 2.1

Melted and manufactured in the USA

Chase produced rod: NAFTA - Yes

We hereby certify that the foregoing data is a true copy of the data furnished us by the producing mill or the data resulting from tests performed in the CHASE BRASS AND COPPER COMPANY, LLC LABORATORY.



Chase Brass and Copper Company, LLC
14212 Selwyn Drive
Montpelier, Ohio 43543-0152

By

Jack A. Horner
Jack A. Horner
Quality Manager